

Geekbench Score

1389	9634
Single-Core Score	Multi-Core Score
Geekbench 5.4.1 Tryout for macOS x86 (64-bit)	

System Information

System Information	
Operating System	macOS 12.0.1 (Build 21A559)
Model	iMac (27-inch Retina Early 2019)
Model ID	iMac19,1
Motherboard	Acidanthera Mac-AA95B1DDAB278B95 iMac19,1
BIOS	Acidanthera 1554.140.20.0.0
Processor Information	
Name	Intel Core i9-9900K
Topology	1 Processor, 8 Cores, 16 Threads
Identifier	GenuineIntel Family 6 Model 158 Stepping 12
Base Frequency	3.60 GHz
L1 Instruction Cache	32.0 KB x 8
L1 Data Cache	32.0 KB x 8
L2 Cache	256 KB x 8
L3 Cache	16.0 MB
Memory Information	
Size	32.0 GB
Type	DDR4
Speed	3200 MT/s

Single-Core Performance

Single-Core Score	1389	
Crypto Score	1735	
Integer Score	1291	
Floating Point Score	1543	
AES-XTS	1735 2.96 GB/sec	<div></div>
Text Compression	1394 7.05 MB/sec	<div></div>
Image Compression	1315 62.2 Mpixels/sec	<div></div>
Navigation	1326 3.74 MTE/sec	<div></div>
HTML5	1216 1.43 MElements/sec	<div></div>
SQLite	1198 375.3 Krows/sec	<div></div>
PDF Rendering	1324 71.9 Mpixels/sec	<div></div>
Text Rendering	1267 403.6 KB/sec	<div></div>
Clang	1269 9.89 Klines/sec	<div></div>
Camera	1317 15.3 images/sec	<div></div>
N-Body Physics	1267 1.59 Mpairs/sec	<div></div>
Rigid Body Physics	1548 9589.2 FPS	<div></div>
Gaussian Blur	1102 60.6 Mpixels/sec	<div></div>
Face Detection	1311 10.1 images/sec	<div></div>
Horizon Detection	1294 31.9 Mpixels/sec	<div></div>
Image Inpainting	2638 129.4 Mpixels/sec	<div></div>
HDR	2403 32.7 Mpixels/sec	<div></div>
Ray Tracing	1752 1.41 Mpixels/sec	<div></div>
Structure from Motion	1272 11.4 Kpixels/sec	<div></div>
Speech Recognition	1486 47.5 Words/sec	<div></div>
Machine Learning	1536 59.3 images/sec	<div></div>

Multi-Core Performance

Multi-Core Score	9634	
Crypto Score	6906	
Integer Score	9470	
Floating Point Score	10443	
AES-XTS	6906 11.8 GB/sec	<div></div>
Text Compression	12133 61.4 MB/sec	<div></div>
Image Compression	12437 588.4 Mpixels/sec	<div></div>
Navigation	5021 14.2 MTE/sec	<div></div>
HTML5	9417 11.1 MElements/sec	<div></div>
SQLite	10353 3.24 Mrows/sec	<div></div>
PDF Rendering	9340 506.9 Mpixels/sec	<div></div>
Text Rendering	7855 2.44 MB/sec	<div></div>
Clang	11586 90.3 Klines/sec	<div></div>
Camera	9756 113.1 images/sec	<div></div>
N-Body Physics	9130 11.4 Mpairs/sec	<div></div>
Rigid Body Physics	16689 103391.8 FPS	<div></div>
Gaussian Blur	10433 573.5 Mpixels/sec	<div></div>
Face Detection	12599 97.0 images/sec	<div></div>
Horizon Detection	10396 256.2 Mpixels/sec	<div></div>
Image Inpainting	14254 699.3 Mpixels/sec	<div></div>
HDR	18799 256.2 Mpixels/sec	<div></div>
Ray Tracing	16226 13.0 Mpixels/sec	<div></div>
Structure from Motion	10235 91.7 Kpixels/sec	<div></div>
Speech Recognition	5096 162.9 Words/sec	<div></div>
Machine Learning	3411 131.8 images/sec	<div></div>